

## PHYTOPATHOLOGICAL ANALYSIS REPORT

### Material Received Data

- Analysis: AF-776-1
- Applicant: AGRO DE CUYO / Agr. Eng. Pablo García
- Samples\*<sup>1</sup>: Nine composite samples of pistachio plant substrate in pots, identified as:
- M1:** Corresponding composite sample taken from 150 potted plants in 2024. Batch 2 (6,000 plants)
  - M2:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M3:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M4:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M5:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M6:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M7:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M8:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)
  - M9:** Corresponding composite sample taken from 150 potted plants in 2025. Batch 1 (60,000 plants)

### REQUESTED ANALYSES

Detection of *Pythiaceas* from substrate and roots with molecular confirmation of *Phytophthora sp.*

### METHODOLOGY

*Pythiaceas*: Biological trap + cultivation in semi-selective media. DNA extraction and specific PCR for confirmation of *Phytophthora sp.*

<sup>1</sup> Sampling conducted in situ by LBV staff

## RESULTS

### DETECTION OF *Pythiaceas* in substrate and roots

Sample	<i>Pythium</i> sp		<i>Phytophthora</i> sp	
	Substratum	Roots	Substrate	Roots
<b>M1</b>	Not detected	Not detected	Not detected	Not detected
<b>M2</b>	Not detected	Not detected	Not detected	Not detected
<b>M3</b>	Not detected	Not detected	Not detected	Not detected
<b>M4</b>	Detected	Detected (10%)	Not detected	Not detected
<b>M5</b>	Detected	Not detected	Not detected	Not detected
<b>M6</b>	Detected	Detected (15%)	Not detected	Not detected
<b>M7</b>	Not detected	Detected (10%)	Not detected	Not detected
<b>M8</b>	Not detected	Not detected	Not detected	Not detected
<b>M9</b>	Detected	Not detected	Not detected	Not detected

Lab. Biotecnológico Vegetal  
**M.Sc. Ing. Agr. Jorge G. Lafi**  
Mat. 7848-A

The reported results correspond only to the sample(s) received and analyzed. LBV is exempt from any liability beyond what is stated in this report.